Fig.1

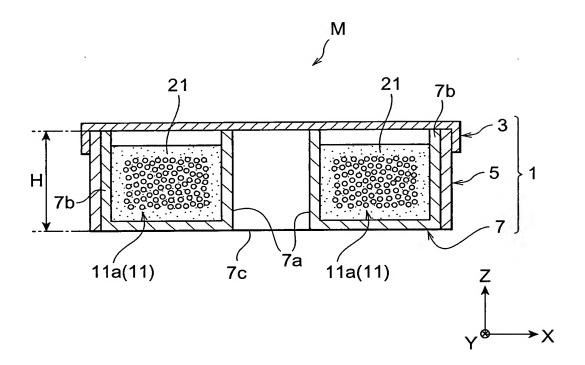


Fig.2

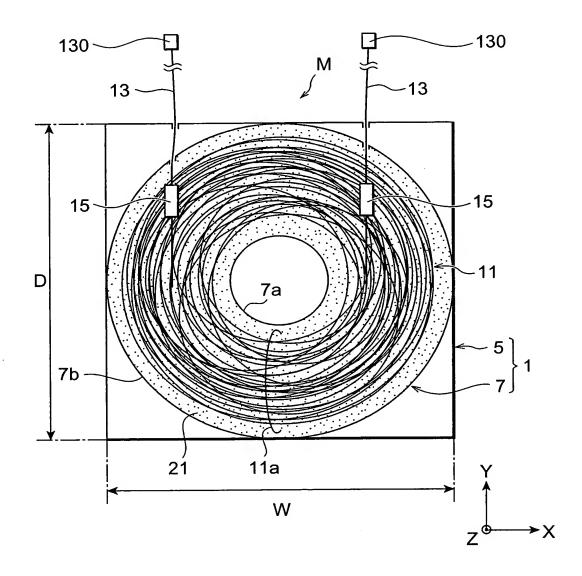


Fig.3

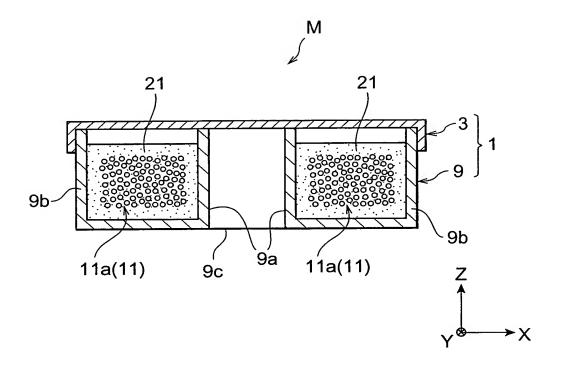
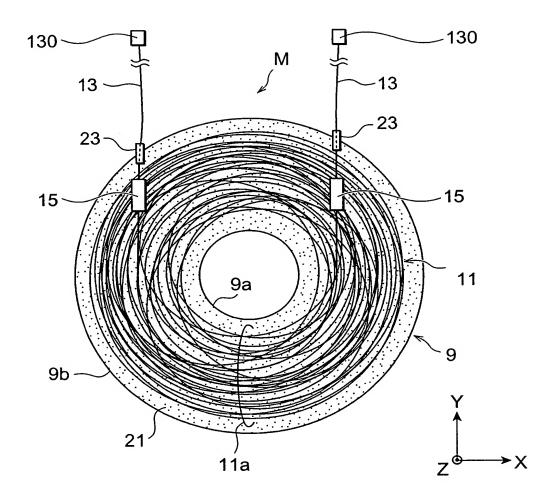


Fig.4



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Fig.5

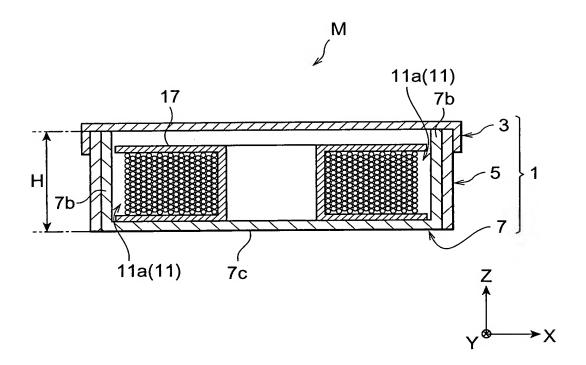


Fig.6

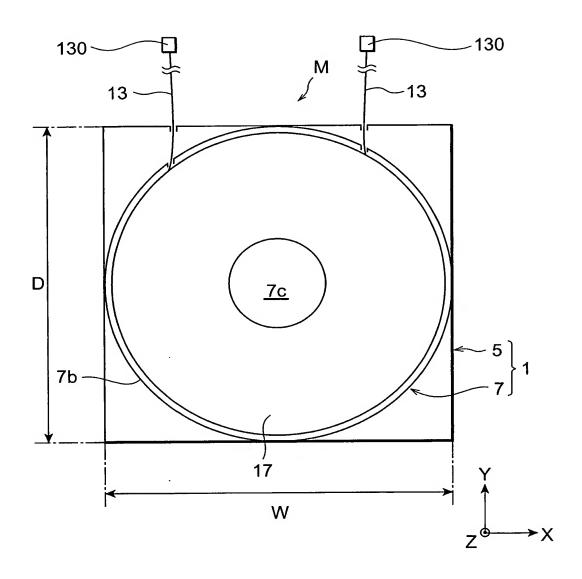
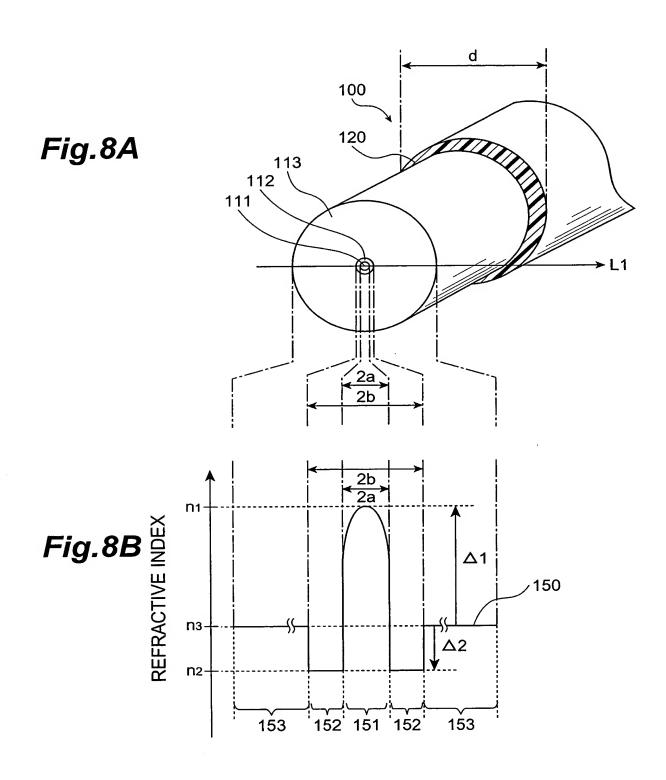


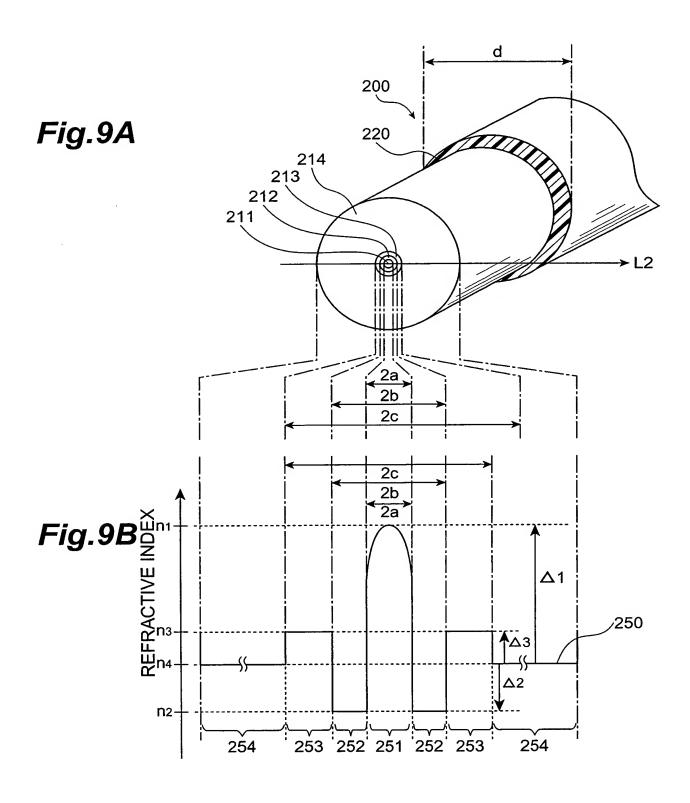
Fig.7

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BEVDING LOSS BEVDING LOSS (dB/km) AT DIAMETER AT DIAMETER OF 40mm OF 60mm	0.02	<0.001	<0.001	<0.001
BEVDING LOSS (dB/km) AT DIAMETER OF 40mm	8.69	90.0	0.44	0.11
MFD (µm)	4.3	4.5	4.2	4.3
EFFECTIVE CUTOFF WAVELENGTH (4 m)	0.71	1.65	1.47	1.58
CHROMATIC DISPERSION SLOPE (ps/nm/km) (ps/nm2/km)	-0.120	-0.655	-0.595	-0.582
1 9 1	-147	-242	-320	-329
2b 2c μm) (μm)		15.4	14.0	7.3 14.3
2b (μm)	6.2	7.4	7.0	7.3
2a (μm)	2.5	3.4	2.8	2.72
Δ3 (%)		0.30	0.30	0.31
Δ2 (%)	-0.35	-0.72	-0.72	-0.76
Δ1 (%)	3.0 -0.35	No.2 2.4 -0.72 0.30	No.3 3.0 -0.72 0.30	No.4 2.7 -0.76 0.31 2.72
FIBER	No.1	No.2	No.3	No.4

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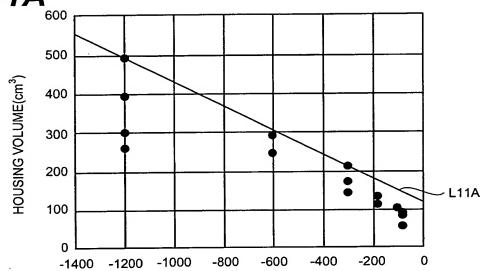
FP02-0309-01

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						10	122												
FIBER STORAGE CONDITION	MOLDED	RESIN	MOLDED	RESIN MOLDED	MOLDED	RESIN MOLDED	RESIN	RESIN	MOLDED	MOLDED	MOLDED	MOLDED	MOLDED	MOLDED	MOLDED	MOLDED	RESIN MOLDED	MOLDED	MOLDED
VOLUME (cm³)	177	249	209	310	93	132	173	292	491	98	114	147	245	393	261	299	28	105	210
HIGH H (mm)	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	10	9	9	50
WIDE W (mm)	102	121	11	135	74	88	101	131	170	71	82	93	120	152	124	173	9/	105	105
LONG L (mm)	102	121	111	135	74	88	101	131	170	71	82	93	120	152	124	173	9/	100	100
COIL WIDTH (mm)	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	2	2	2	12
COIL OUTER DIAMETER (mm)	82	101	91	115	54	89	81	7	150	51	62	73	100	132	104	153	56	80	85
BOBBIN DIAMETER (mm)	58	28	28	28	40	40	40	20	20	40	40	40	20	20	40	40	40	28	28
INSERTION LOSS (dB)	3.5	5.2	3.5	5.2	2.2	2.5	2.9	3.9	5.9	2.1	2.4	2.7	3.4	4.9	4.9	4.9	2.1	0.53	1.2
TOTAL DISPERSION SLOPE (ps/nm²)	-0.25	-0.49	-0.25	-0.49	-0.22	-0.49	-0.81	-1.63	-3.25	-0.15	-0.34	-0.56	-1.12	-2.23	-2.23	-2.23	-0.15	-0.177	-0.531
ACCUMULATED CHROMATIC DISPERSION (ps/nm)	-300	009-	-300	009-	-80	-180	-300	-600	-1200	08- -80	-180	-300	009-	-1200	-1200	-1200	9	-100	-300
COAT DIAMTER (µm)	120	120	145	145	185	185	185	185	185	185	185	185	185	185	145	145	185	185	185
GLASS CO DIAMETER DIAM (µm) (µ	8	80	06	06	125	125	125	125	125	125	125	125	125	125	06	06	125	125	125
FIBER LENGTH (km)	2.05	4.09	2.05	4.09	0.33	0.74	1.24	2.48	4.97	0.25	0.56	0.94	1.88	3.76	3.76	3.76	0.25	0.3	0.91
FIBER	No.1	No.1	No.1	No.1	No.2	No.2	No.2	No.2	No.2	No.3	No.3	No.3	No.3	No.3	No.3	No.3	No.3	No.4	No.4
SAMPLE	_	7	က	4	5	9	7	∞	တ	9	7	12	13	14	15	16	17	18	19

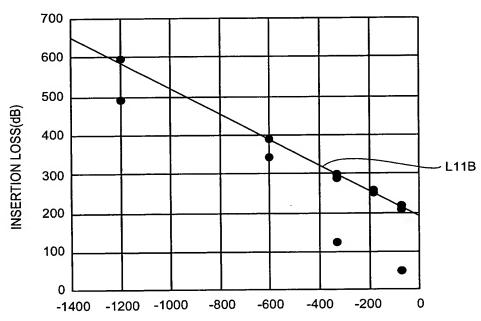
Fig. 10

Fig.11A₆₀₀



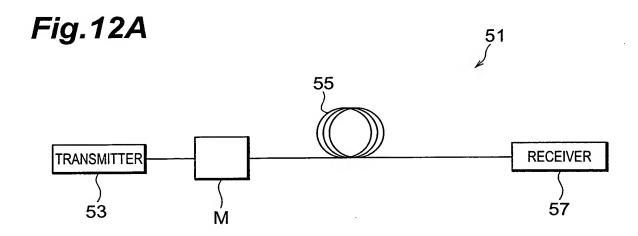
ACCUMULATED CHROMATIC DISPERSION(ps/nm)

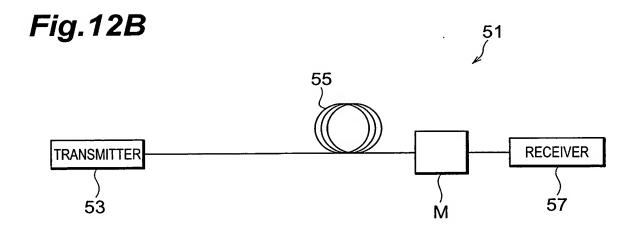
Fig.11B



ACCUMULATED CHROMATIC DISPERSION(ps/nm)

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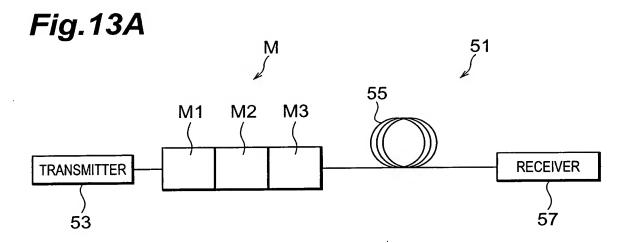
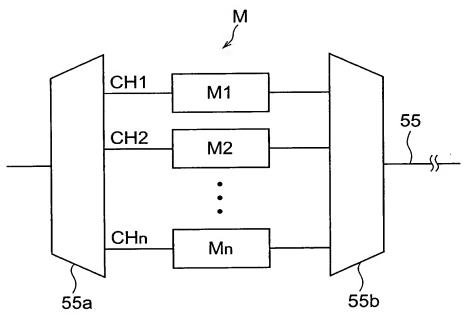
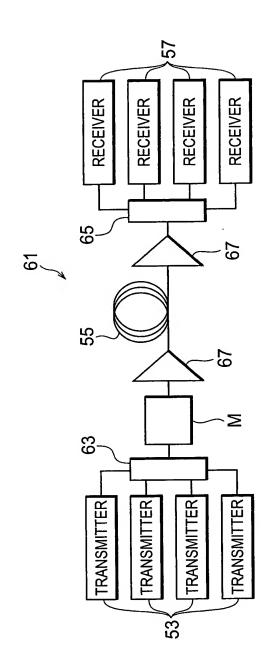


Fig.13B



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Fig.15

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MAIXIMUM CHANGE(%) OF CHROMATIC DISPERSION AT ±2% FLUCTUATION	8.6	4.2	8.2	5.2	4.7	10.3	10.8
Aeff (μm²)	16.4	19.4	15.7	17.9	17.5	15.2	16.6
CUTOFF WAVELENGTH (μ m)	1.372	1.218	1.438	1.216	1.400	1.295	1.706
DISPERSION SLOPE (ps/nm²/km)	-0.193	0.117	-0.197	0.091	0.120	-0.378	-0.132
$2C$ CHROMATIC DISPERSION (μ m) (ps/nm/km)	-158	-165	-184	-206	-230	-267	-321
2C (μm)	11.1	10.0	11.4	10.0	11.1	10.7	14.7
Rb	0.7	0.7	0.7	2.0	0.7	0.7	0.44 14.7
Ra	0:30	0.33	0.26	0:30	0.24	0.26	0.19
Δ3 (%)	9.0	9.0	9.0	9.0	9.0	9.0	-0.74 0.32
Δ2 (%)	9.0-	-0.7	-0.5	-0.7	-0.5	-0.7	-0.74
(%)	2.4	2.4	2.7	2.7	3.0	3.0	3.1
FIBER	No.5	No.6	No.7	No.8	No.9	No.10	No.11

Fig.16

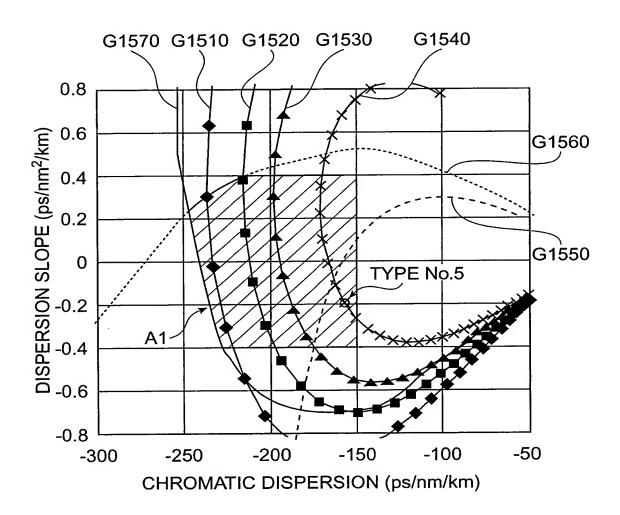


Fig.17

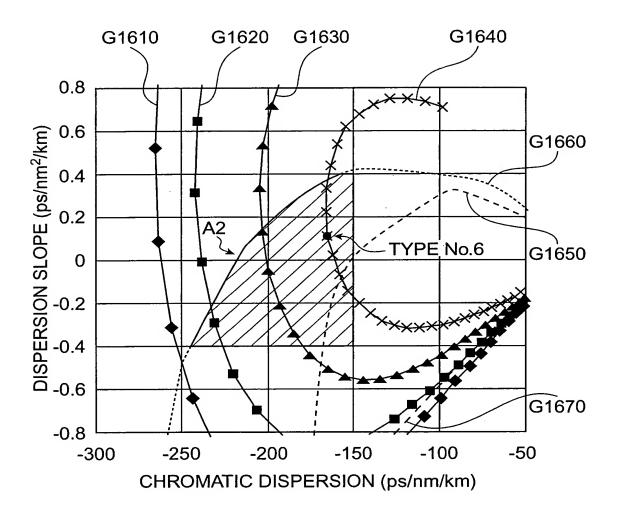


Fig.18

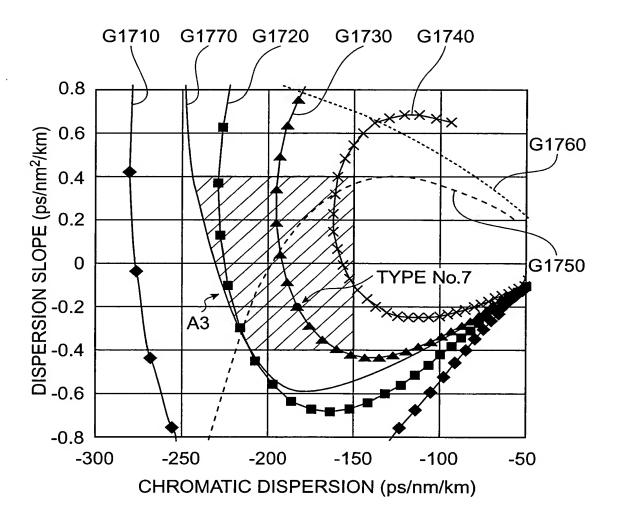


Fig.19

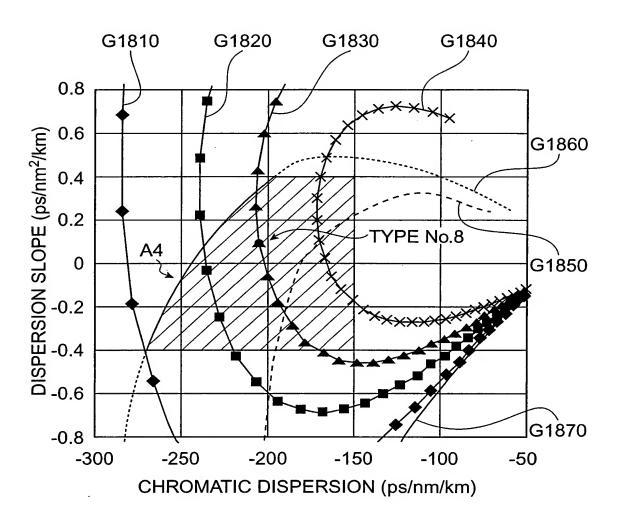


Fig. 20

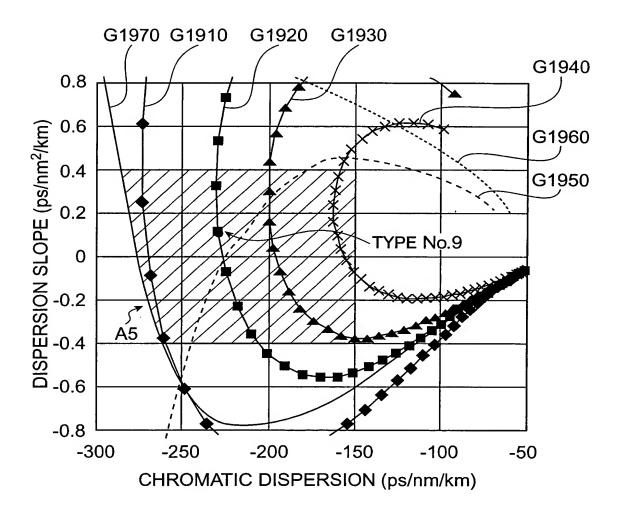


Fig.21

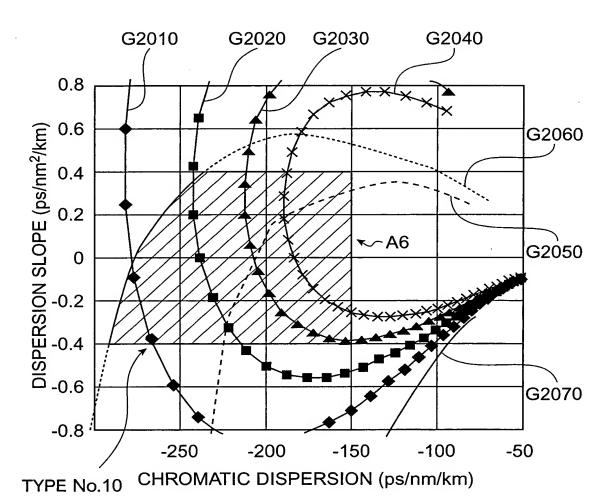


Fig.22

